

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

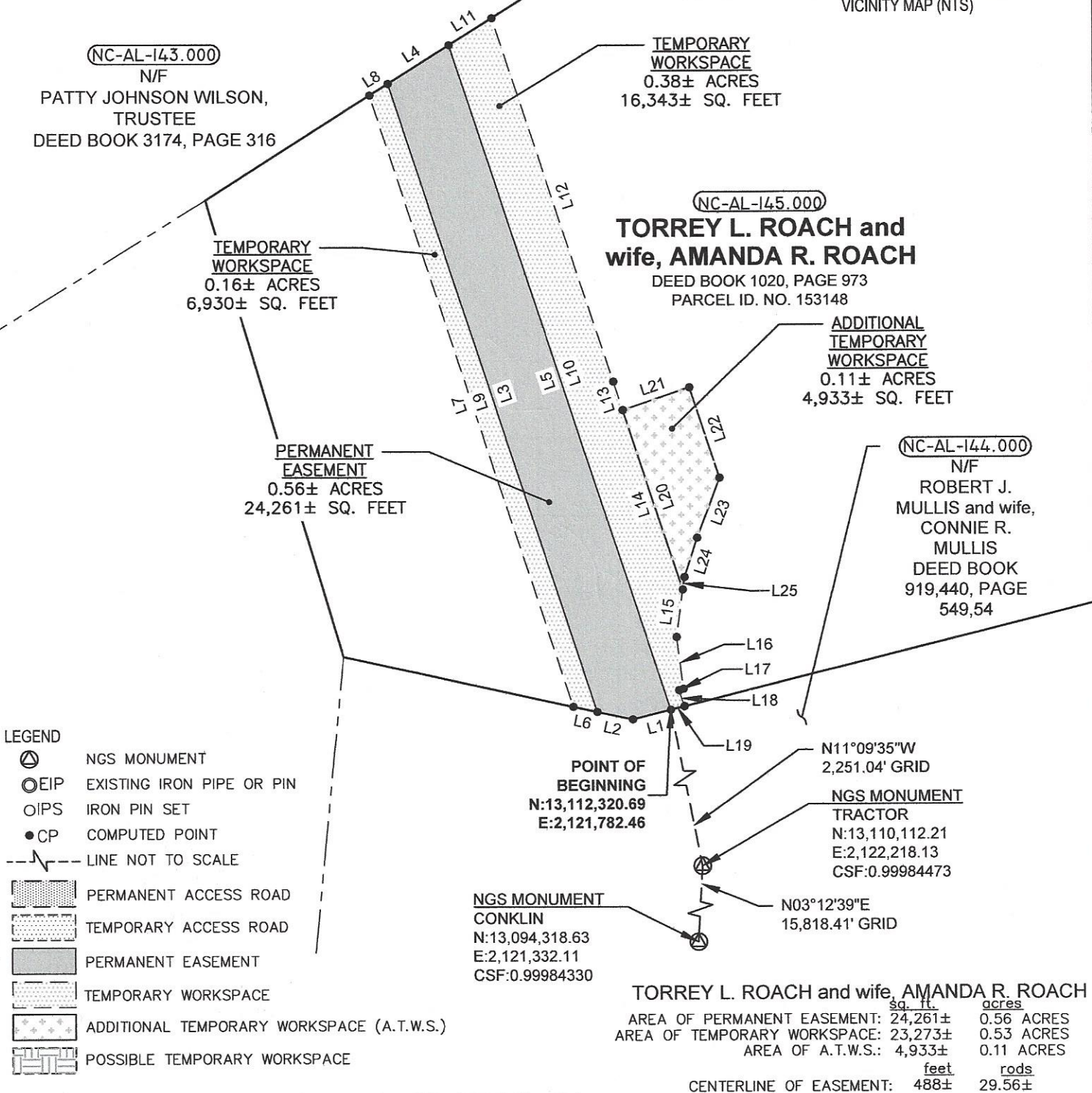
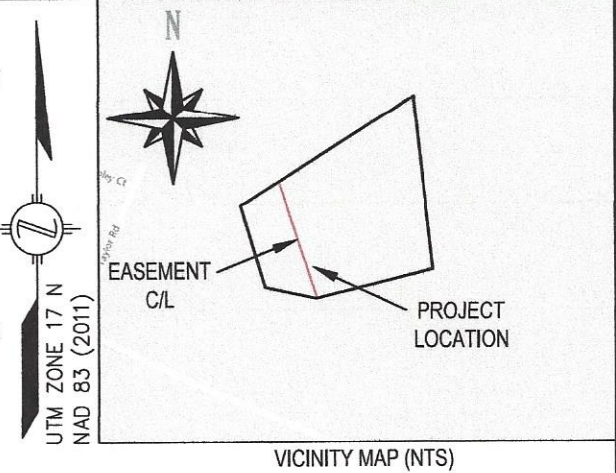
Exhibit 28 to Complaint

Map of MVP Parcel No. NC-AL-145.000

EXHIBIT A

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 1020, PAGE 973.
5. PARCEL ID: 153148
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO UTM ZONE 17 N NAD (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.



I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 1020, page 973); that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 2nd day of May 2020

THOMAS WARNER KIMMEL, PLS L 3674

LAND OWNER INITIALS: _____

DATE: _____

TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572 tkimmel@trcsolutions.com
NC CORPORATE LICENSE No. F-0591



SEE SHEET 2 OF 2 FOR LINE TABLES

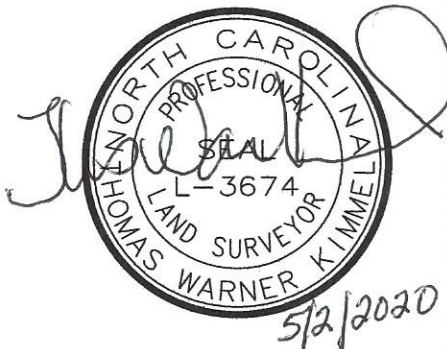
EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF HAW RIVER ALAMANCE COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF TORREY L. ROACH and wife, AMANDA R. ROACH NC-AL-145.000 DEED BOOK 1020, PAGE 973				
NC-AL-145.000				
Drawn By: MSF	Chk'd By: DD	App'd By: TWK	TRC Proj. No. 300423	Scale: 1"=100'
Drawn Date: 04/17/20			Sheet: 1 OF 2	MVP Proj. No.
100 50 0 100 GRAPHIC SCALE IN FEET				
REVISIONS				
1	5/2/2020	DD	UPDATED ADJOINING TRACT	TWK
No.	Date	Rev By	Description	Checked

EXHIBIT A

PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	S76°11'12"W	27.95'
L2	N77°54'50"W	25.66'
L3	N18°18'02"W	468.26'
L4	N57°38'44"E	51.54'
L5	S18°18'02"E	495.94'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L6	N77°54'50"W	17.39'
L7	N18°18'01"W	455.70'
L8	N57°38'44"E	15.46'
L9	S18°18'02"E	468.26'
L10	N18°18'02"W	495.94'
L11	N57°38'44"E	36.08'
L12	S18°18'02"E	271.88'
L13	S18°08'45"E	21.12'
L14	S18°18'02"E	134.19'
L15	S07°42'24"W	33.76'
L16	S07°29'36"E	36.76'
L17	S71°42'00"W	3.25'
L18	S18°18'01"E	11.85'
L19	S76°11'12"W	10.03'

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L20	N18°18'02"W	134.19'
L21	N71°41'59"E	50.00'
L22	S18°18'01"E	67.00'
L23	S20°31'42"W	45.56'
L24	S18°13'06"W	29.42'
L25	S07°42'24"W	8.97'



LAND
OWNER
INITIALS: _____

DATE: _____

SEE SHEET 1 OF 2 FOR GRAPHICS AND LABELS

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF HAW RIVER ALAMANCE COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF TORREY L. ROACH and wife, AMANDA R. ROACH NC-AL-145.000 DEED BOOK 1020, PAGE 973 NC-AL-145.000				
Drawn By: MSF 04/17/20	Chk'd By: DD	App'd By: TWK	TRC Proj. No. 300423 Sheet: 2 OF 2	Scale: MVP Proj. No.
REVISIONS				
1	5/2/2020	DD	UPDATED ADJOINING TRACT	TWK
No.	Date	Rev By	Description	Checked

SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.